

K1605: Gilt silver sheet-metal fragment with rivet holes and rivet

Condition Report

Conservation Started: 14.2.2013

Conservation Finished: 15.2.2013

Conservator: Julia Leunge

Time Taken: 1.5 hours

Including digital photography, report, conservation and packing.

Dimensions: (L) 10 mm (W) 5 mm (Th.) 0.1 mm

Weight before: 0.18 g

Weight after: 0.18 g

Catalogue number: 659

Digital photography:

Taken with a Canon EOS 100D digital camera, under daylight or bulbs and Keyence a Keyence VH-Z20R Digital Microscope, under artificial light microscope with an Infinity 1 camera (with analyses capture software) and fibre optic lights, 7-75x magnification. Taken before, during and after.

X-ray: L64

Annotation on any of the storage bags or boxes:

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Description: Visual and microscopic examination using Meiji stereo microscope 20x magnification

Gilt silver sheet-metal fragment with two rivet holes and a complete silver rivet remaining. The fragment is slightly bent on one side. The corners on that side are sharp, whereas the corners on the other side are rounded off.

Associated Objects:

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Pre-Conservation Condition: Visual and microscopic examination using Meiji stereo microscope 20x magnification

Granular soil is attached to the object's surface. The gilding is scratched in several areas.

Treatment: Carried out using a Meiji stereo microscope

Purpose: Study / Analysis

Aim: Total cleaning

Materials: Soft natural/synthetic brushes, thorn in pin vice/holder, IMS on metals, 50:50 water/IMS on metals, cotton wool swabs, cocktail stick, Paraloid B72

The granular soil on the front and back was mechanically removed or reduced where possible using a fine thorn tip secured in a pin vice and a small pure bristle brush. IMS or water was used to soften the soil to facilitate removal. Loose particles of soil were then removed with a small swab of IMS.

The paper K number was adhered to the back with HMG brand Paraloid B72 (ethyl methacrylate copolymer) from the tube, applied with a cocktail stick.

A storage box padded with white polyethylene foam was made for housing the object. A strip of Tyvek (spun bound polyethylene fibres) was used as a cushion for the object and to help lift it out of the foam.

Post-Conservation Condition/Findings:

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Key Features

Rivet holes, complete rivet, gilding.

Analysis Undertaken:

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Samples:

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References:

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